

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Randolf Hugo et al.

Application No.: National Phase of PCT/EP04/010062

Confirmation No.: 8211

Filed: March 9, 2006

Art Unit: N/A

For: METHOD FOR THE PRODUCTION OF
DIAMINOXYLENE BY CONTINUOUS
HYDROGENATION OF LIQUID
PHTHALONITRILE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

DE 2164 169 describes, on page 6, last paragraph the hydrogenation of IPN to meta-XPA in the presence of an Ni and/or Co catalyst in ammonia as a solvent. JP 2003-327563

relates to a process for the fixed bed hydrogenation of aromatic dinitriles which are used as 1-103 by weight solutions.

DE 102004042947.2 relates to a process for preparing XDA by continuously hydrogenating liquid PN over a heterogeneous catalyst in the presence of liquid ammonia in a reactor, wherein a stream of a phthalonitrile melt is conducted in liquid form by means of a mixer that melt into a stream of liquid ammonia and the liquid mixture is fed in the hydrogenation reactor.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 12810-00212-US1.

Dated: June 5, 2006

Respectfully submitted,

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